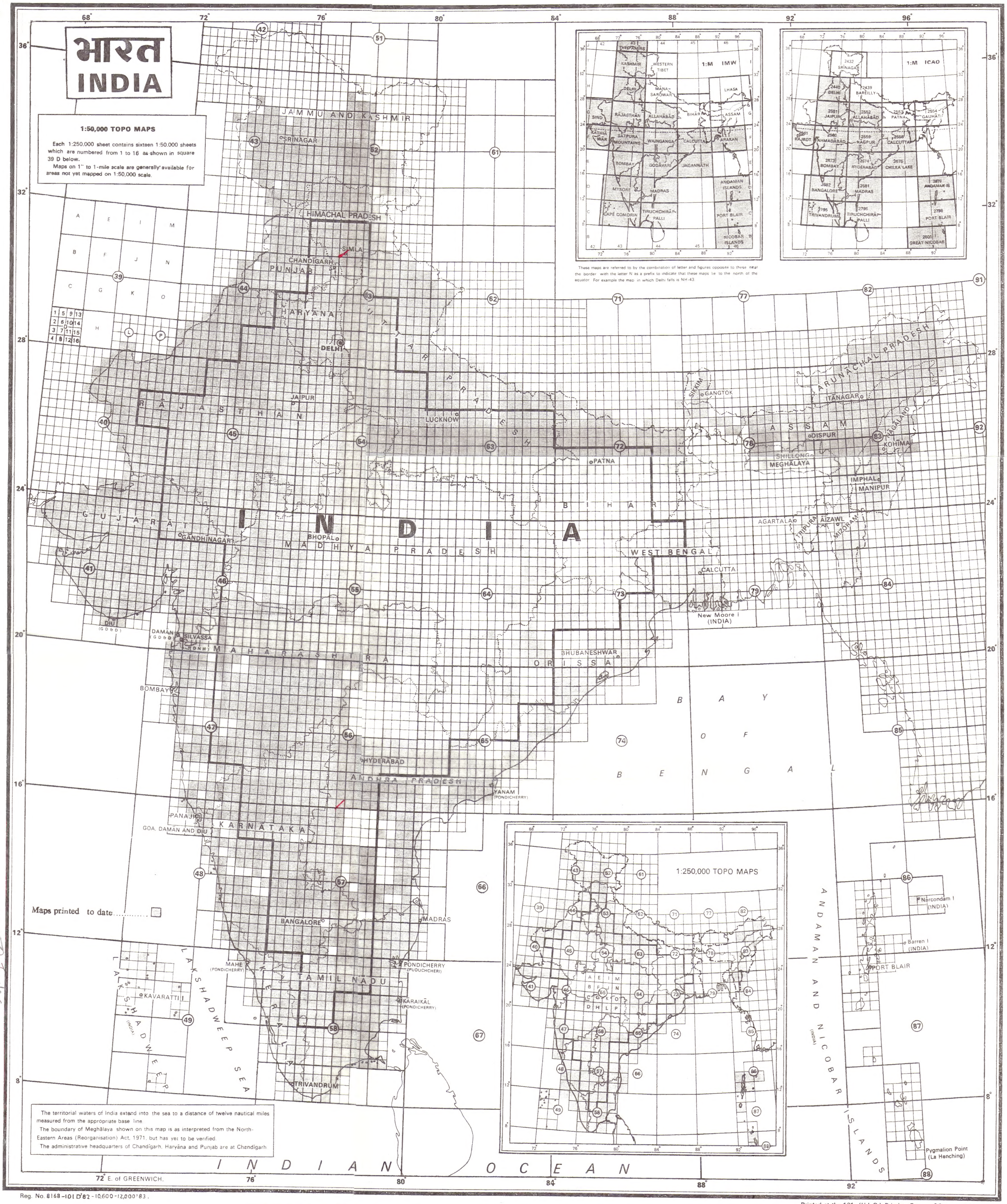

Reg. No. 8168-101 D'82-10,600-12,000'83.

भारत के महासर्वेक्षक मेजर जनरल गिरीश चन्द्र अग्रवाल, बी.ई.(आनर्स) (सिविल), एम.एस.सी.पी.एच.ई.(आई.टी.सी.), एफ.आई.एस., एम.सी.ए., एम.ए.एस.पी.आर.एस. के निदेशन में प्रकाशित.
Published under the direction of Major-General Girish Chandra Agarwal, B.E.(Hons.)(Civil), M.Sc.Ph.E.(I.T.C.), F.I.S., M.C.A., M.A.S.P.R.S., Surveyor General of India.
Printed at the 101 (H.L.O.) Printing Group of Survey of India.

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India - series 1:50,000

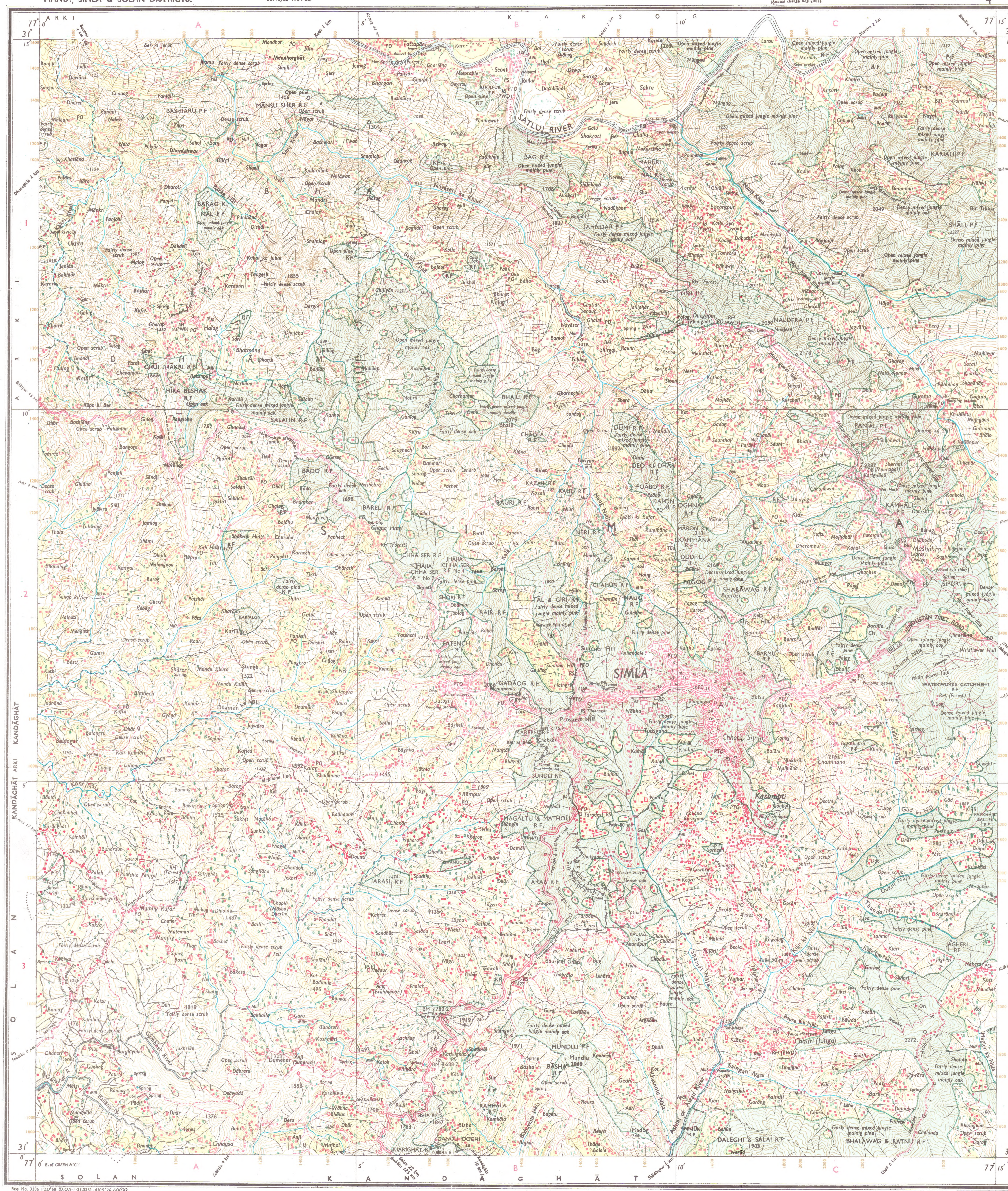
FIRST EDITION

MANDI, SIMLA & SOLAN DISTRICTS. Surveyed 1964-65.

HIMĀCHAL PRADESH

Magnetic Variation from True North about ¾° East in 1970. (Annual change negligible).

NO. 53 E/4



REFERENCES TO SIMLA

1	Tibetan School
2	Manor House
3	The Glen
4	Jail
5	Tāra Hall (Loreto Convent for Girls)
6	S. D. Bhārgava Cottage
7	Catholic Club
8	Walkar Hospital
9	Snowdon Hospital
10	Grand Hotel
11	State Bank of India
12	Y. W. C. A.
13	Balji Hotel
14	Government College
15	Gorton Castle (Office of Accountant General)
16	Employment Exchange
17	Railway Board Building
18	Roller Skating, Regal Cinema and Y. M. C. A.
19	Himāchal University
20	Indian Institute of Advance Studies (Rāshtrapati Niwās)
21	General Post Office
22	Rāj Bhavan
23	Cecil Hotel
24	High Court
25	Ripon Hospital
26	Veterinary Hospital
27	Town Hall
28	Sanitarium (Carton House)
29	Legislative Assembly
30	Bridge View Hotel
31	Rock Sea Hotel
32	U.S. Club House
33	Lady Reading Hospital
34	St. Edwards High School
35	Isolation Hospital
36	Simla Club
37	Jesus & Mary Convent
38	Cemetery
39	Himāchal Bhavan
40	Ellerslie (Secretariat)
41	Bishop Cotton School

REG. No. 3306 PZD'68 (D.O.9-1·33,333)-4109'76-600'82.

Roads, metalled: according to importance: distance stone
" unmetalled: do. do. ; bridge
Cart-track. Pack-track and pass. Foot-path with bridge
Bridges: with piers; without. Causeway. Ford or Ferry
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River banks: shelving; steep, 3 to 6 metres; over 6 metres
" dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined Tube-well. Spring. Tanks: perennial; dry.
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn.
" other gauges: do. ; do. with distance stone; do.
Light railway or tramway. Telegraph line. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1) flat. (2) sand-hills and dunes (surveyed). (3) shifting dunes

1st Edition 1974.
[Previous Editions on 1-inch scale: 1st 1915; 2nd 1925; 3rd (Revised) 1928; 4th 1935].

Index to Sheets

53 A/15	53 E/3	53 E/7
53 A/16	53 E/4	53 E/8
53 B/13	53 F/1	53 F/5

Published under the direction of Dr. Hari Narain, M.Sc., D.Phil., Ph.D., *Surveyor General of India*, 1974.

1:50,000

500 m to 1 cm — 2 cm to 1 km

Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres

HEIGHTS & CONTOURS IN METRES

CONTOUR INTERVAL 40 METRES

Water features are shown in blue where they generally contain water.
Cultivated areas are coloured yellow.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.

Contours are approximate.
A relative height, .8r, represents the approximate height, in metres, between the top and bottom of a steep slope.
Wooded areas are coloured green. Scattered trees and other vegetation are in green, but prominent surveyed trees are in black.

The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
The kilometre stone numbers along the railway and roads are shown in slant type, e.g., '*5*' whereas milestone numbers are shown in upright type e.g., '5'.
The common boundaries between two Reserved/Protected Forests have not been shown for want of information.
The district boundary between Simla and Solan and tahsīl boundary between Kandāghāt and Solan in this sheet have been entered as a result of verification survey carried out during 1973.

REFERENCES

Disp Dispensary. *Vet Hosp* Veterinary Hospital.
NH 22 National Highway No. 22.

Administrative Index

SIMLA
SOLAN
1 MANDI.

PRINTED AT THE 103 (P.Z.O.) PRINTING GROUP OF SURVEY OF INDIA.

Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Īdgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Boundary, international
" state: demarcated; undemarcated
" district; subdivn., tahsīl or tāluk; forest
Boundary pillars: surveyed; unlocated; village trijunction
Heights, triangulated: station, point; approximate — △200 .200 .200
Bench-mark: geodetic; tertiary; canal — BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Combined office. Police station — PO TO PTO PS
Bungalows: dāk or travellers; inspection. Rest-house — DB IB (Canal) RH (Forest)
Circuit house. Camping ground. Forest: reserved; protected — CH CG RF PF
Spaced names: administrative; locality or tribal — KIKRI NAGA

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Price: Five Rupees.

MAP COLLECTION
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CANADA

INDIA

REFER TO THIS MAP AS :-	1:50,000
SHEET 56 H/16	FIRST EDITION
GRIDDED	

MAHBŪBNAGAR DISTRICT.

Surveyed 1965-66.

ANDHRA PRADESH

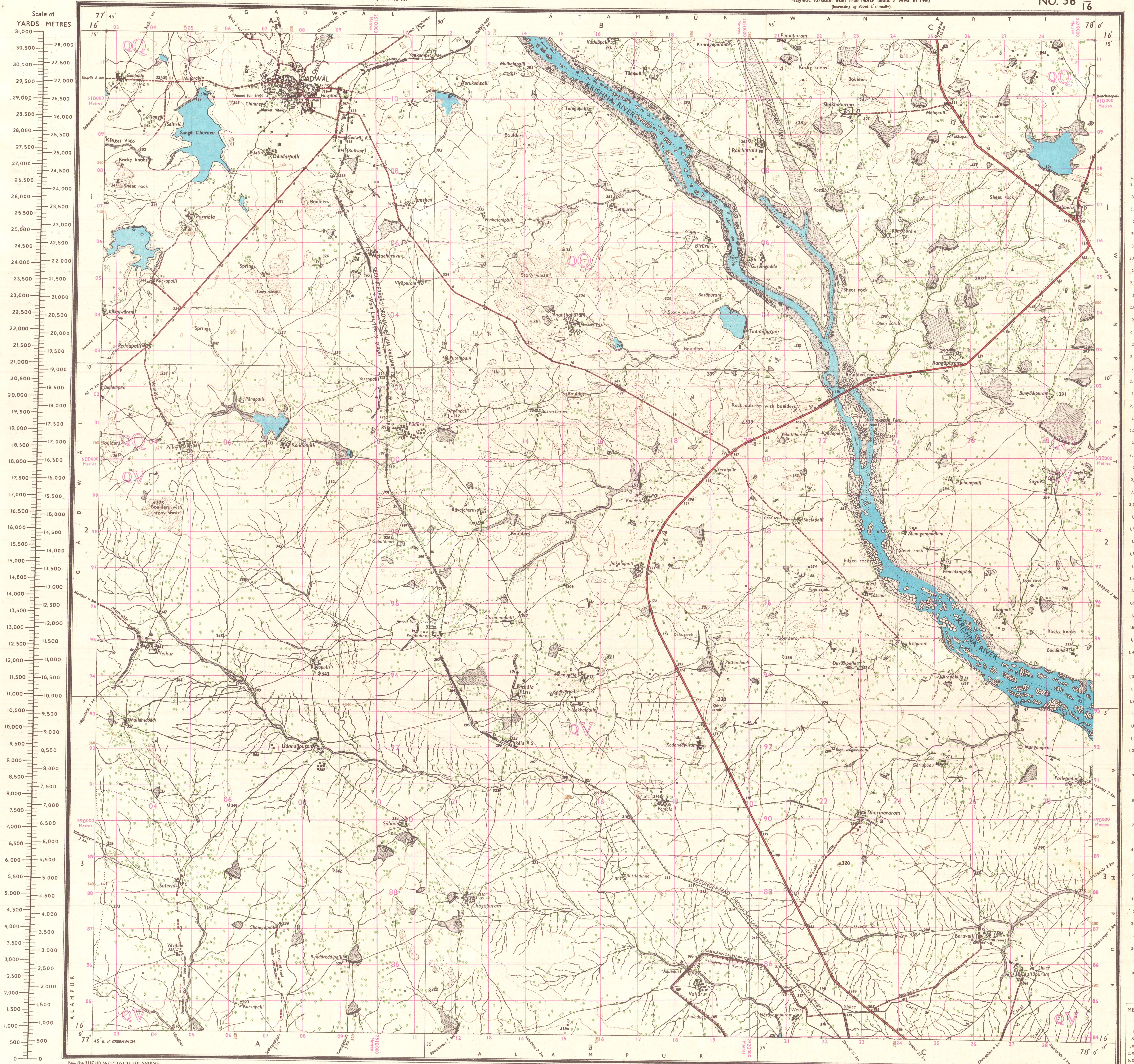
FIRST EDITION

Mean Grid North, in this sheet, is 0° 42' West of True North.

Magnetic Variation from True North about 2° West in 1960. (Increasing by about 2' annually).

No. 56 H/16

Scale of YARDS METRES



Height Conversion Table

METRES		FEET
20	=	65·62
40	=	131·23
100	=	328·08
500	=	1,640·42
1,000	=	3,280·84
2,000	=	6,561·69
5,000	=	16,404·22
9,000	=	29,527·60

REG. No. 9167 HD'66 (S C.17-1:33,333)-5612'68.

Roads, metalled; according to importance; distance stone
„ unmetalled; do. do. ; bridge
Cart-track. Pack-track and pass. Foot-path with bridge
Bridges: with piers; without. Causeway. Ford or Ferry
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River banks: shelving; steep, 3 to 6 metres; over 6 metres
„ dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn.
„ other gauges: do. ; do with distance stone: do.
Light railway or tramway. Telegraph line. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1) flat. (2) sand-hills and dunes (surveyed) (3) shifting dunes

1st Edition 1966.

Index to Sheets.

56 H/11	56 H/15	56 L/3
56 H/12	56 H/16	56 L/4
57 E/9	57 E/13	57 I/1

REFER TO THIS MAP AS :-	1:50,000
SHEET 56 H/16	FIRST EDITION
GRIDDED	

INDIA

Published under the direction of Brigadier J. S. Paintal, M.I.S., M.I.E., Surveyor General of India, 1966.

1:50,000

500 m to 1 cm — 2 cm to 1 km

Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres

Yards 1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000 Yards

Furlongs 8 6 4 2 0 — 3 Miles

HEIGHTS & CONTOURS IN METRES.

CONTOUR INTERVAL 20 METRES.

* Water features are shown in blue where they generally contain water.

* Cultivated areas are coloured yellow.

The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.

Contours are approximate.

A relative height, .8r, represents the approximate height, in metres, between the top and bottom of a steep slope.

Wooded areas are coloured green. Scattered trees and other vegetation are in green, but prominent surveyed trees are in black.

*Not applicable.

The kilometre stone numbers along roads, railway and canal are shown in slant type e.g., '5' whereas milestone numbers along roads are shown in upright type e.g., '5'.

Cart-tracks are generally jeepable in dry season.

Cultivation in tanks is periodical.

The tāluk boundaries have been surveyed as pointed out by the local officials on the ground, but have not been verified by the District authorities.

GRID III A (Metres)

Grid references are given in hundreds of metres East and North of the south-west corners of the lettered squares: thus the grid reference of ITKĀLA is QV 139938 (for grid letters see body of map).

Administrative Index.

MAHBŪBNAGAR

PRINTED AT THE SURVEY OF INDIA OFFICES (101 H.L.O. PRINTING GROUP).

Towns or Villages: inhabited, deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Īdgāh. Tomb. Graves
Lighthouse Lightship Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub — M
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees.
Boundary, international
„ state: demarcated; undemarcated
„ district: subdivn., tahsīl or tāluk forest
Boundary pillars: surveyed; unlocated; village trijunction
Heights, triangulated: station; point; approximate — △200 .200 .200
Bench-mark: geodetic; tertiary; canal — BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Combined office. Police station — PO TO PTO PS
Bungalows: dāk or travellers'; inspection. Rest-house — DB IB (Canal) RH (Forest)
Circuit house. Camping ground. Forest: reserved; protected — CH CG RF PF
Spaced names: administrative; locality or tribal — KIKRI NĀGA

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India C-150 1:50,000 sheet 56 H/16